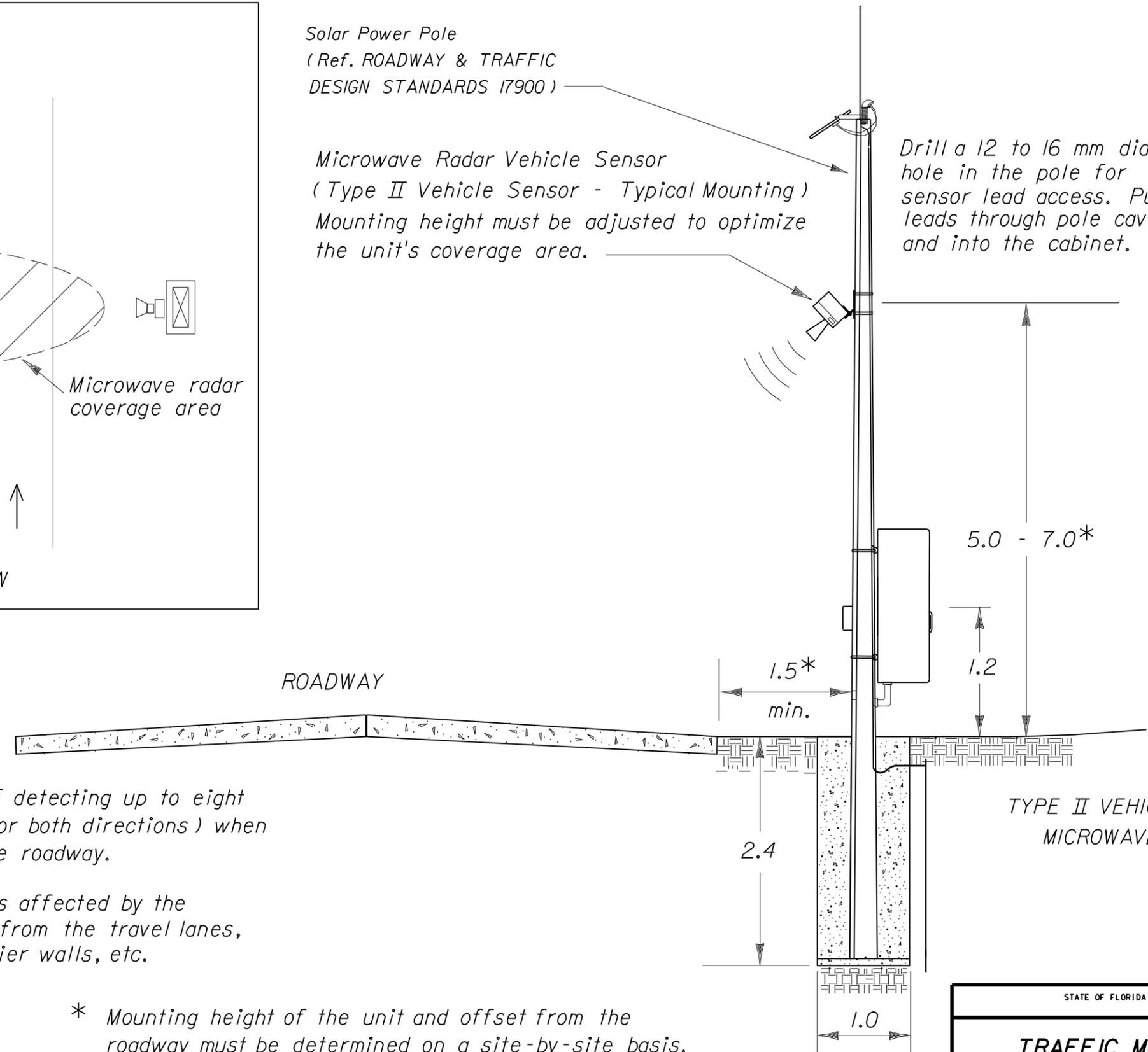


Solar Power Pole
(Ref. ROADWAY & TRAFFIC
DESIGN STANDARDS 17900)

Microwave Radar Vehicle Sensor
(Type II Vehicle Sensor - Typical Mounting)
Mounting height must be adjusted to optimize
the unit's coverage area.

Drill a 12 to 16 mm dia.
hole in the pole for
sensor lead access. Pull
leads through pole cavity
and into the cabinet.



The unit must be capable of detecting up to eight lanes of traffic (in either or both directions) when mounted perpendicular to the roadway.

Coverage area of the unit is affected by the roadway geometry: distance from the travel lanes, median type and width, barrier walls, etc.

* Mounting height of the unit and offset from the roadway must be determined on a site-by-site basis. 1.5 m is the minimum operable offset and not a standard.

THE SEALED RECORD OF THIS STANDARD IS ON FILE IN THE ROADWAY DESIGN OFFICE.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD DESIGN		
TRAFFIC MONITORING SITE		
INTERIM STANDARD	APPROVED BY	
WHEN INCLUDED IN THE PLANS THIS SHEET IS A SUPPLEMENT TO INDEX NO. 17900 OF THE METRIC ROADWAY AND TRAFFIC DESIGN STANDARDS, BOOKLET DATED JANUARY 2000.	REVISION NO.	SHEET NO.
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